

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6,839280".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 13:16
L2	5	("5172338"   "6407946"   "6414876"   "6590804"   "6754123").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/16 13:19
L3	30	"365"/185.29,185.22,185.19,185.3, 185.33.ccls. and (non-volatile or flash) same (erase with (variable or (non adj1 flat) or non-flat) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 13:48
L4	0	"365"/185.29,185.22,185.19,185.3, 185.33.ccls. and (non-volatile or flash) same (erase with pulse with ((non adj1 flat) or non-flat) with (voltage near2 profile))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 13:50
L5	0	(non-volatile or flash) same (erase with pulse with ((non adj1 flat) or non-flat) with (voltage near2 profile))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 13:50
L6	68	(non-volatile or flash) same variable same (erase with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 14:10
L7	132	(non-volatile or flash) same variable same (eras\$3 with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 13:51
L8	61	365/185.29,185.2,185.22,185.19, 185.3,185.33.ccls. and (non-volatile or flash) same variable same (eras\$3 with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 13:54

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L9	24	365/185.29,185.2,185.22,185.19, 185.3,185.33.ccls. and (non-volatile or flash) with variable with (eras\$3 with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 13:59
L10	2	"6,515909".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 14:10
L11	101	365/185.2.ccls. and (non-volatile or flash) and (eras\$3 with pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 14:14
L12	76	365/185.2.ccls. and (non-volatile or flash) and (eras\$3 with pulse with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 14:13
L13	8	365/185.2.ccls. and (non-volatile or flash) and (eras\$3 with pulse with variable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 14:14
L14	14	365/185.2.ccls. and (non-volatile or flash) and (eras\$3 with pulse) and (variable near2 (voltage or bias))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 14:16
L15	189	(non-volatile or flash) and (eras\$3 with pulse) and (variable near2 (voltage or bias))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 14:16
L16	155	"365"/\$.ccls. and (non-volatile or flash) and (eras\$3 with pulse) and (variable near2 (voltage or bias))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 14:17

## EAST Search History

L17	460	"365"/\$.ccls. and (non-volatile or flash) and (variable near2 (voltage or bias)) and eras\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 14:18
L18	41	"365"/185.2.ccls. and (non-volatile or flash) and (variable near2 (voltage or bias)) and eras\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 14:18
S1	8	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-volatile or flash) and (erase with pulse) and (non-constant with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 09:18
S2	1	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-volatile or flash) and ((erase with pulse) with non-constant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 09:16
S3	1	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-volatile or flash) and ((erase with pulse) same non-constant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 09:16
S4	1	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-volatile or flash) and ((eras\$3 with pulse) same non-constant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:08
S5	1	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-constant with eras\$3 with pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 09:17
S6	59	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-volatile or flash) and (erase with pulse) and ((non-constant or (without near2 constant) or (no near2 constant) or chang\$3) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:33

## EAST Search History

S7	1	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-volatile or flash) and (apply\$3 with (erase with pulse) with (non-constant or (without near2 constant) or (no near2 constant) or chang\$3) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 09:46
S8	7	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-volatile or flash) and (apply\$3 same (erase with pulse) same (non-constant or (without near2 constant) or (no near2 constant) or chang\$3) same voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 09:59
S10	22	cohen.in. and NROM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 13:51
S11	5	cohen.in. and NROM and (eras\$3 with (non-volatile or flash) with cell\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:08
S14	1	NROM and (eras\$3 with (non-volatile or flash) with cell\$1 with (non-constant or chang\$3) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:18
S15	1	NROM and (eras\$3 with (non-volatile or flash) with (non-constant or chang\$3) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:18
S16	1318	(non-volatile or flash) and (erase with pulse) and ((non-constant or (without near2 constant) or (no near2 constant) or chang\$3 or variable or vary or varies or adjust\$3) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:34
S17	808	(non-volatile or flash) and (erase with pulse) and ((variable or vary or varies or adjust\$3) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 13:58

## EAST Search History

S18	665	(non-volatile or flash) and (erase with (variable or vary or varies or adjust\$3) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:35
S19	482	"365"/\$.ccls. and (non-volatile or flash) and (erase with (variable or vary or varies or adjust\$3) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:36
S20	168	"365"/\$.ccls. and (non-volatile or flash) same (erase with (variable or vary or varies or adjust\$3) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 10:53
S21	50	"365"/\$.ccls. and (non-volatile or flash) same (erase with (variable or non adj1 constant) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:43
S22	50	"365"/\$.ccls. and (non-volatile or flash) same (erase with (variable or (non adj1 constant)) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 10:48
S23	13	("5636166"   "5680350"   "5784316"   "5801985"   "5901108"   "5901194"   "6020775"   "6081575"   "6115291"   "6188613"   "6248629"   "6272586"   "6356974").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 12:07
S24	1	(eras\$3 with pulse) same profile same (ramp-like and trapezoidal and exponential-growth-like and asymptote-like and stepped)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 12:16
S25	1	(eras\$3 with pulse) and profile and (ramp-like and trapezoidal and exponential-growth-like and asymptote-like and stepped)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 12:22
S26	1	profile with (ramp-like and trapezoidal and exponential-growth-like and asymptote-like and stepped)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 12:25

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S27	1	profile same (ramp-like and trapezoidal and exponential-growth-like and asymptote-like and stepped)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:09
S28	1	profile and (ramp-like and trapezoidal and exponential-growth-like and asymptote-like and stepped)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:10
S29	1	profile and (ramp-like and trapezoidal and exponential-growth-like and asymptote-like and stepped)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:09
S30	1	profile and ramp-like and trapezoidal and exponential-growth-like and asymptote-like and stepped	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:09
S31	1	ramp-like and trapezoidal and exponential-growth-like and asymptote-like and stepped	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:09
S32	6922	profile with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:10
S33	36	((profile near2 voltage) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:13
S34	1	NROM and ((voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:14
S35	5	(non-volatile or flash) and ((voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/05 14:14
S36	1	(non-volatile or flash) same (erase with (variable or (non adj1 constant)) with (voltage or pulse)) and ((voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 10:53
S37	38	((voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 10:56

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S38	5	(non-volatile or flash) and ((voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 10:57
S39	8	(non-volatile or flash) and ((voltage near2 profile) same (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:01
S40	55	(non-volatile or flash) and ((voltage near2 profile) and (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:19
S41	2	(non-volatile or flash) and ((voltage near2 profile) with (erase near2 pulse) with adjust\$3 with feedback)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:21
S42	2	(non-volatile or flash) and ((voltage near2 profile) same (erase near2 pulse) same adjust\$3 same feedback)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:21
S43	2	(non-volatile or flash) and ((voltage near2 profile) and (erase near2 pulse) same adjust\$3 same feedback)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:21
S45	1	(non-volatile or flash) and (eras\$3 near2 pulse near2 source) same produce same (erase near2 pulse) same (variable or non-constant) same voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 13:26
S46	4	(non-volatile or flash) and (eras\$3 near2 pulse near2 source) and produce and (erase near2 pulse) and (variable or non-constant) and voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 13:27

## EAST Search History

S47	120	("6,449190" "6,128226" "6,134156" "6,584017" "6,535434" "5,949714" "6,064591" "6,075724" "5,926409" "6,118692" "5,812457" "4,742491" "5,042009" "5,295108" "5,440505" "5,523972" "5,563823" "5,568085" "3,895360" "4,388705" "4,527257" "4,667217" "5,636288" "5,715193" "5,768193" "5,784314" "5,812449" "5,828601" "5,886927" "5,892710" "5,903031" "5,946258" "5,969993" "6,034896" "6,097639" "6,108241" "6,157570" "6,169691" "5,241497" "5,293563" "5,289412" "5,305262" "5,345425" "5,349221" "5,359554" "5,418743" "6,181605" "6,205056" "6,215148" "6,215702" "6,240032" "6,240040" "6,266281" "6,292394" "6,304485" "6,331950" "6,396741" "6,490204" "20020132436").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 07:14
S48	2	"6,515909".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 18:13
S49	2	"20050105337"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 18:14
S50	120	("20020191465" "5,689459" "5, 537358" "5,400286" "5,450341" "5, 450354" "5,422844" "5,424978" "5, 434825" "5,521870" "5,583808" "5, 623438" "5,949728" "6,081456" "6, 128226" "6,134156" "6,147904" "6, 256231" "6,928001" "5,726946" "5, 754475" "20030076710" "6,307807" "6,552387" "5,787036" "5,841700" "5,847441" "5,870335" "5,963412" "5,991202" "6,011725" "6,028324" "5,946258" "6,723518" "6,700818" "5,677869" "5,751637" "6,330192" "6,343033" "6,426898" "6,452438" "6,359501" "6,353356" "6,297974" "6,208200" "6,198342" "6,130574" "5,081371" "6,064251" "6,677805" "20030142544" "6,469935" "5, 933367" "6,584017" "6,665769" "20030072192" "5,999444" "5, 808506" "6,433624").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 08:06

## EAST Search History

S51	6026	(pulse near2 source) with produc\$3 (erase near2 pulse) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 08:13
S52	1	(pulse near2 source) with produc\$3 with (erase near2 pulse) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 10:35
S53	3	(pulse near2 source) same produc\$3 same (erase near2 pulse) same (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 08:15
S54	1	(erase near2 pulse) with (voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 08:15
S55	1	(erase near2 pulse) and (voltage near2 profile) same (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 08:16
S56	1	(erase near2 pulse) and (voltage near2 profile) and (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 08:18
S57	372	(voltage near2 profile) and (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 08:18
S58	38	(voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 08:19

## EAST Search History

S59	4	eras\$3 and (voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 08:21
S60	18	(eras\$3 near2 pulse) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 08:35
S61	2	"20050162909"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 08:35
S62	2	"5,966386".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 10:36
S63	1	(non-volatile or flash) and (eras\$3 near2 pulse near2 source) with produce with (erase near2 pulse) with (variable or non-constant) with voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 10:39
S64	29	"365"/185.29,185.22,185.19,185.3, 185.33.ccls. and (non-volatile or flash) same (erase with (variable or (non adj1 constant)) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 13:43
S65	100	"365"/185.29,185.22,185.19,185.3, 185.33.ccls. and (non-volatile or flash) same (erase with (variable or vary or varies or adjust\$3) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/16 13:16
S66	6	"365"/185.29,185.22,185.19,185.3, 185.33.ccls. and (non-volatile or flash) same ((erase near2 pulse) with (variable or (non adj1 constant)) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 10:59

## EAST Search History

S67	1	(non-volatile or flash) and (erase with pulse) and ((variable or vary or varies or adjust\$3) with voltage) and sub-set and (stag\$5 near2 sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 13:57
S68	35	sub-set and (stag\$5 near2 sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 13:57
S69	808	(non-volatile or flash) and (erase with pulse) and ((variable or vary or varies or adjust\$3) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 13:58
S70	1	S69 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 16:29